

creased greatly in this country; but it is remarkable that so few people use it as a means of recreation, pleasure, and general culture.

The Beginners Guide to the Microscope, by Chas. E. Heath, F. R. M. S. Illustrated; 120 pages. Price 1 shilling. Percival Marshall & Co., London.

MICROSCOPY AND DRUG EXAMINATION

In this little book the author seeks to present in a simple and condensed form the elements of microscopy and histology demanded by pharmaceutical students. In Part I, which is given to Microscopy, are discussed briefly,—often too briefly to be satisfactory,—microscopes, microscopic photography, manipulation and care of the microscope, reproduction and measurements of microscopic objects; histology, microchemistry; the preparation and mounting of microscopic objects; cells; plant and animal tissues; microscopy of starches, etc. A series of laboratory exercises illustrating certain part of plant and animal biology follow.

Part II is taken up with suggestions as to the microscopical examination of some 35 "drugs" in their commercial form. In Appendix A is a valuable table defining the various elements constituting and produced by cells, giving their properties and the method of identifying them by staining or otherwise.

The last 50 pages of the book are given to figures illustrating lenses, microscopes, drawing apparatus, tissues, organs, drugs.

Mechanically the book is marred by the unnecessarily large type in which the words desired to be emphasized are printed.

Microscopy and the Microscopical Examination of Drugs, by Charles E. Gabel, Ph.D., Microscopical Food and Drug Analyst Iowa State Dairy and Food Commission. Illustrated; 114 pages. Price \$1.00, postpaid. Des Moines, Iowa.